

CLAIMS

Please amend the claims as follows:

1. (Previously presented) A method of providing data, the method comprising:
 - storing a first set of encryption data associated with a first data stream wherein the first data stream includes a first number of services of at least two different service types;
 - encrypting the first data stream having a first-level-of-encryption;
 - sending the first data stream to a destination device for decryption;
 - storing a second set of encryption data associated with a second data stream wherein the second data stream includes a second number of services of at least two different service types that is different from the first number of services;
 - encrypting the second data stream having a second-level-of-encryption, the first-level-of-encryption being different from the second-level-of-encryption;
 - utilizing a common memory to encrypt the first data stream at said first-level-of-encryption and to encrypt the second data stream at the second-level-of-encryption; and
 - sending the second data stream to the destination device for decryption.
2. (Previously presented) The method of claim 1 wherein the first set of encryption data comprises at least one encryption key.
3. (Previously presented) The method of claim 1 wherein the destination device comprises a set-top box.

4. (Previously presented) The method of claim 3 further comprising storing a plurality of decryption algorithms at the set-top box.

5. (Canceled)

6. (Previously presented) The method of claim 1 wherein the first-level of encryption utilizes the Data Encryption Standard and wherein the second-level-of-encryption utilizes an encryption algorithm different from said Data Encryption Standard.

7. (Presently amended) The method of the claim 1 further comprising:
decrypting the first data stream at the set-top box; and
decrypting the second data stream at the set-top box.

8. (Previously presented) The method of claim 1 further comprising storing a portion of the first set of encryption data in a RAM.

9. (Previously presented) The method of claim 1 further comprising storing a portion of the first set of encryption data in a register of a microprocessor.

10-26. (Canceled)